

<b>Session 4: Ecological interference (Chairman: B. Jonsson)</b>	
Occurrence of reared salmon in natural salmon rivers in Iceland S. Gudjonsson (Reykjavik, Iceland).....	133
Farmed Atlantic salmon ( <i>Salmo salar</i> ) in fisheries and rivers in Norway R.A. Lund, F. Økland and L.P. Hansen (Trondheim, Norway).....	143
Documentation of successful spawning of escaped farmed female Atlantic salmon, <i>Salmo salar</i> , in Norwegian rivers H. Lura and H. Sægrov (Bergen, Norway) .....	151
Competition between hatchery and wild coho salmon ( <i>Oncorhynchus kisutch</i> ): genetic variation for agonistic behaviour in newly-emerged wild fry B.E. Riddell and D.P. Swain (Nanaimo, B.C., Canada) .....	161
Expansion of cultured Pacific salmon into marine ecosystems W.J. McNeil (Newport, OR, USA) .....	173
<b>Session 5: Genetic interaction I (Chairman: G. Nævdal)</b>	
A review of local adaptation in Salmonidae, with particular reference to Pacific and Atlantic salmon E.B. Taylor (Halifax, N.S., Canada).....	185
Genetic characterisation of Atlantic salmon ( <i>Salmo salar</i> ) lines farmed in Ireland T.F. Cross and D. N. Challanain (Cork, Ireland).....	209
Protein polymorphism in Atlantic salmon within a Scottish river; evidence for selection and estimates of gene flow between tributaries E. Verspoor, N.H.C. Fraser and A.F. Youngson (Aberdeen, UK) .....	217
Genetic protein variation in Atlantic salmon in Scotland: comparison of wild and farmed fish A.F. Youngson, S.A.M. Martin (Aberdeen, UK), W.C. Jordan (Belfast, UK) and E. Verspoor (Aberdeen, UK) .....	231
Allele frequency variation at the <i>AAT-4</i> locus as a potential measure of the relative performance of native and introduced Atlantic salmon in the River Test D. Thompson and I.C. Russell (Lowestoft, UK).....	243
<b>Session 6: Genetic interaction II (Chairman: B. Riddell)</b>	
A mitochondrial DNA restriction fragment length polymorphism of potential use for discrimination of farmed Norwegian and wild Atlantic salmon populations in Scotland D. Knox and E. Verspoor (Aberdeen, UK) .....	249
Genetic effects of aquaculture on natural fish populations K. Hindar (Trondheim, Norway), N. Ryman (Stockholm, Sweden) and F. Utter (Seattle, WA, USA) .....	259
Quantitative genetics and management of wild populations H.B. Bentsen (Ås, Norway) .....	263
One-generation effects of farmed fish immigration on the genetic differentiation of wild Atlantic salmon in Norway J. Mork (Trondheim, Norway).....	267
<b>Session 7: Diseases and parasites (Chairman: R.L. Saunders)</b>	
Diseases in wild and cultured salmon: possible interaction T. Håstein and T. Lindstad (Oslo, Norway).....	277
The <i>Gyrodactylus</i> story in Norway B.O. Johnsen and A.J. Jensen (Trondheim, Norway) .....	289

A review of the inter- and intraspecific variability in salmonid hosts to laboratory infections with <i>Gyrodactylus salaris</i> Malmberg	303
T.A. Bakke (Oslo, Norway) .....	303
A report on some metazoan parasites of wild marine salmon ( <i>Salmo salar</i> L.) from the west coast of Norway with comments on their interactions with farmed salmon	311
G.A. Bristow and B. Berland (Bergen, Norway) .....	311
<b>Session 8: Containment (Chairman: T. Håstein)</b>	
Attempts to reduce the impact of reared Atlantic salmon on wild in Norway	
P.I. Bergan, D. Gausen and L.P. Hansen (Trondheim, Norway) .....	319
<b>VOL. 98 NO. 4</b>	
<b>1 NOVEMBER 1991</b>	
<b>Diseases, Parasites and Predators</b>	
The effect of long term, low level <i>Eubothrium</i> sp. (Cestoda: Pseudophyllidea) infection on growth in farmed salmon ( <i>Salmo salar</i> L.)	
G.A. Bristow and B. Berland (Bergen, Norway) .....	325
Lethal and sub-lethal effects of the salmon de-lousing agent dichlorvos on the larvae of the lobster ( <i>Homarus gammarus</i> L.) and herring ( <i>Clupea harengus</i> L.)	
J.G. McHenery, D. Saward and D.D. Seaton (Aberdeen, UK) .....	331
<b>Genetics and Breeding</b>	
Genetic variation in red cell membrane fragility in Atlantic salmon and rainbow trout	
T. Gjedrem, H.M. Gjøen and R. Salte (Ås, Norway) .....	349
<b>Husbandry and Management</b>	
Atlantic salmon in duoculture with Arctic charr: decreased aggression enhances growth and stocking density potential	
R. Nortvedt (Bergen, Norway) and J.C. Holm (Storebø, Norway) .....	355
<b>Nutrition</b>	
Relationship between diet and immune response in Atlantic salmon ( <i>Salmo salar</i> L.) after feeding various levels of ascorbic acid and omega-3 fatty acids	
J.I. Erdal, Ø. Evensen (Oslo, Norway), O.K. Kaurstad (Skárer, Norway), A. Lillehaug (Oslo, Norway), R. Solbakken (Skárer, Norway) and K. Thorud (Oslo, Norway) .....	363
<b>Physiology and Endocrinology</b>	
Neuroendocrine regulation of ovarian maturation in the Indian white prawn <i>Penaeus indicus</i> H. Milne Edwards	
K.S. Mohamed and A.D. Diwan (Cohin, India) .....	381
<b>Book Review</b>	
Mediterranean aquaculture .....	395
<b>Author Index</b> .....	
	397

